

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/001951

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 B60H 1/08**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 B60H 1/03, H05B 3/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
KR, JP : IPC AS ABOVE

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 20-0235499 Y1 (DONG WOO CO., LTD.) 8 OCTOBER 2001 fig 3	1 - 4
Y	KR 10-2001-0110621 A (SHIN WA MANUFACTURING CO., LTD.) 13 DECEMBER 2001 fig 1	1 - 4
A	JP 02-53628 A (TEXAS INSTR JAPAN CO., LTD.) 22 FEBUARY 1990 See the whole document	1 - 13
A	KR 10-2003-0047809 A (KATEM CO., LTD) 18 JUNE 2003 See the whole document	1 - 13

 Further documents are listed in the continuation of Box C. See patent family annex.

## \* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
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Date of the actual completion of the international search

16 NOVEMBER 2004 (16.11.2004)

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Name and mailing address of the ISA/KR



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